



Nutrient Management Fact Sheet: Wyoming

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Nutrient Management Plans

Topic	Summary
Coverage	CAFOs seeking coverage under a WYPDES permit must develop and implement a Nutrient Management Plan. ¹
Content	<p>The Nutrient Management Plan (NMP) must:</p> <ul style="list-style-type: none"> - Ensure adequate storage of manure and process wastewater, including proper operation and maintenance of the storage facilities. - Ensure that stormwater runoff is diverted from the production area. - Prevent direct contact of confined animals with the surface waters of the state. - Identify appropriate site-specific conservation practices to be implemented, including appropriate buffers or equivalent practices. - Identify protocols for appropriate testing of manure, process wastewater, and soil. - Establish protocols to land apply manure or process wastewater in accordance with site-specific nutrient management practices. - Identify specific records that will be maintained to document the implementation and management. <p>Additional information on the NMP can be found here.</p>
Frequency of Updates	There is not a reference to update frequency requirements, but annual reports are required.
Paperwork	Records must be maintained for five years. Reports must be submitted annually.
Planner Qualifications	The annual report must include a statement indicating whether the current version of the NMP was developed or approved by a certified nutrient management planner.

Manure Storage and Application

Topic	Summary
Storage	<p>Structure</p> <p>The production area must be designed, constructed, operated, and maintained to contain all manure and process wastewater, including the runoff and the direct precipitation from a 25-year, 24-hour rainfall event. ²</p>
Application	<p>Spreading</p>



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Manure and process wastewater may not be applied closer than 100 feet to any down-gradient surface waters of the state, open tile line intake structures, sinkholes, agricultural well heads, or other conduits to surface waters. ³ A 35-foot wide vegetated buffer or other conservation practice may be substituted.

Testing

Manure must be analyzed for nitrogen and phosphorus content a minimum of once annually. The soil profile shall be analyzed a minimum of once every five years for phosphorus content. ⁴

Technical Assistance

Topic	Summary
Software Tools	Manure Management Planner (MMP) is a software tool created by Purdue University that includes state-specific information for Wyoming farmers to create manure management plans for crop and animal feeding operations.
Guides / Handbooks	WY NRCS nutrient management 590 standard .

Financial Assistance

Topic	Summary
For Farmers	<p>The following WY conservation/natural resource districts provide cost-share funding for implementing water quality enhancing BMPs: Campbell County, Converse County, Dubois-Crowheart, Popo Agie, Teton, Washakie County, Weston County and Uinta County. Some of the districts above aim funding towards landowners who can't typically qualify for federal farm bill programs.</p> <p>WY NRCS provides assistance through:</p> <ul style="list-style-type: none"> - Environmental Quality Incentives Program (EQIP) - offers financial cost-share assistance to farmers for the adoption of conservation practices and development of nutrient management plans. - Conservation Stewardship Program (CSP), which gives producers financial assistance to implement new conservation management practices and enhancements.

¹https://rules.wyo.gov/DownloadFile.aspx?source_id=9763&source_type_id=81&doc_type_id=110&include_meta_data=Y&file_type=pdf&filename=9763.pdf&token=137154168010112251023075038252050235157169217097

²<https://casetext.com/regulation/wyoming-administrative-code/agency-020-environmental-quality-dept-of/subagency-0011-water-quality/chapter-2-discharges-permit-regs/appendix-g-criteria-for-determining-a-concentrated-animal-feeding-operation-and-additional-requirements-applicable-to-new-and-existing-concentrated-animal-feeding-operations>

³https://rules.wyo.gov/DownloadFile.aspx?source_id=9763&source_type_id=81&doc_type_id=110&include_meta_data=Y&file_type=pdf&filename=9763.pdf&token=137154168010112251023075038252050235157169217097



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⁴https://rules.wyo.gov/DownloadFile.aspx?source_id=9763&source_type_id=81&doc_type_id=110&include_meta_data=Y&file_type=pdf&filename=9763.pdf&token=137154168010112251023075038252050235157169217097